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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAR 01 2002 (use as many sheets as necessary)		Applicant Number	09/880,711
		Filing Date	June 12, 2001
		First Named Inventor	Abuin
		Group Art Unit	1642
		Examiner Name	To be assigned
		Attorney Docket Number	LEX-0191-USA
Sheet	of	5	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
de	AA	4,190,496		Rubenstein et al	02/26/80	
	AB	4,215,051		Schroeder et al	07/29/80	
	AC	4,378,110		David et al	03/08/83	
	AD	4,631,211		Houghten	12/23/86	
	AE	4,683,202		Mullis	07/28/87	
	AF	4,689,405		Frank et al	08/25/87	
	AG	4,713,326		Dattagupta et al	12/15/87	
	AH	4,873,191		Wagner et al	10/10/89	
	AI	4,946,778		Ladner et al	08/07/90	
	AJ	5,143,854		Pirung et al	09/01/92	
	AK	5,252,743		Barrett et al	10/12/93	
	AL	5,270,170		Schatz et al	12/14/93	
	AM	5,405,783		Pirung et al	04/11/95	
	AN	5,424,186		Fodor et al	06/13/95	
	AO	5,432,018		Dower et al	07/11/95	
	AP	5,445,934		Fodor et al	08/29/95	
	AQ	5,464,764		Capeocchi et al	11/07/95	
	AR	5,556,752		Lockhart et al	09/17/96	
	AS	5,700,637		Southern	12/23/97	
	AT	5,744,305		Fodor et al	04/28/98	
	AU	5,877,397		Lonberg et al	03/02/99	
	AV	6,075,181		Kuchertapati et al	06/13/00	
	AW	6,080,578		Zambrowicz et al	06/27/00	
	AX	6,138,566		Sands et al	10/24/00	
de	AY	6,139,833		Burgess et al	10/31/00	

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de	AZ	WO	88/04300	A1	University Patents Inc.	06/16/88	
de	BA	WO	88/09810	A1	Synthetic Genetics	12/15/88	
de	BB	WO	90/11364	A1	University Patents Inc.	10/04/90	

Examiner Signature	<i>Deborah Cronch</i>	Date Considered	2/18/04
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAR 01 2002 (use as many sheets as necessary)		Application Number	09/880,711
		Filing Date	June 12, 2001
		First Named Inventor	Abuin
		Group Art Unit	1642
		Examiner Name	To be assigned
Sheet 1 of 5	Attorney Docket Number	LEX-0191-USA	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
dc	BC	Askew et al, 1989, "Molecular Recognition with Convergent Functional Groups, 6. Synthetic and Structural Studies with a Model Receptor for Nucleic Acid Components", J. Am. Chem. Soc. 111:1082-1090.	
	BD	Been et al, 1986, "One Binding Site Determines Sequence Specificity of Tetrahymena Pre-rRNA Self-Splicing, Trans-Splicing, and RNA Enzyme Activity", Cell 47:207-216.	
	BE	Benoist et al, 1981, "In vivo sequence requirements of the SV40 early promoter region", Nature 290:304-310.	
	BF	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.	
	BG	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.	
	BH	Brinster et al, 1982, "Regulation of metallothionein-thymidine kinase fusion plasmids injected into mouse eggs", Nature 296:39-41.	
	BI	Brisson et al, 1984, "Expression of a bacterial gene in plants by using a viral vector", Nature 310:511-514.	
	BJ	Broglie et al, 1984, "Light-Regulated Expression of a Pea Ribulose-1,5-Bisphosphate Carboxylase Small Subunit Gene in Transformed Plant Cells", Science 224: 838-843.	
	BK	Butler, 1981, "The Amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates," Methods of Enzymology, 73:482-523	
	BL	Chien et al, 1991, "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", Proc. Natl. Acad. Sci. USA 88:9578-9582.	
	BM	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	
	BN	Coruzzi et al, 1984, "Tissue-specific and light-regulated expression of a pea nuclear gene encoding the small subunit of ribulose-1,5-bisphosphate carboxylase", EMBO Journal 3(8):1671-1679.	
	BO	Frohman, 1994, "On Beyond Classic RACE (Rapid Amplification of cDNA Ends)," PCR Methods and Applications 4:S40-S58.	
	BP	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	
	BQ	Gordon, 1989, "Transgenic Animals," International Review of Cytology, 115:171-229.	
	BR	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	
	BS	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.	
	BT	Gurley et al, 1986, "Upstream Sequences Required for Efficient Expression of a Soybean Heat Shock Gene", Mol. & Cell. Biology 6(2):559-565.	
dc	BU	Haseloff et al, 1988, "Simple RNA enzymes with new and highly specific endoribonuclease activities," Nature, 334:585-591.	

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		Filing Date	June 12, 2001
		First Named Inventor	Abuin
		Group Art Unit	1642
		Examiner Name	To be assigned
Sheet 1 of 5	Attorney Docket Number	LEX-0191-USA	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡
dc	BV	Helene, 1991, "The anti-gene strategy: control of gene expression by triplex-forming-oligonucleotides", Anti-Cancer Drug Design 6:569-584.	
	BW	Helene et al, 1992, "Control of Gene Expression by Triple Helix-Forming Oligonucleotides", Annals N.Y. Acad. Sciences 660:27-36.	
	BX	Houghten et al, 1991, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", Nature 354:84-86.	
	BY	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	
	BZ	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	
	CA	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	
	CB	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	
	CC	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3119-3110.	
	CD	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	
	CE	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.	
	CF	Lam et al, 1991, "A new type of synthetic peptide library for identifying ligand-binding activity", Nature 354:82-84.	
	CG	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.	
	CH	Lemaitre et al, 1987, "Specific antiviral activity of a poly(L-lysine)-conjugated oligodeoxyribonucleotide sequence complementary to vesicular stomatitis virus N protein mRNA initiation site", Proc. Natl. Acad. Sci. USA 84:648-652.	
	CI	Letsinger et al, 1989, "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture", Proc. Natl. Acad. Sci. USA 86:6553-6556.	
	CJ	Lewis et al., 1989, "Automated site-directed drug design: the concept of spacer skeletons for primary structure generation", Proc. R. Soc. Lond. B 236:125-140.	
	CK	Lewis et al, 1989, "Automated site-directed drug design: the formation of molecular templates in primary structure generation", Proc. R. Soc. Lond. B 236:141-162.	
	CL	Lo, 1983, "Transformation by Ionophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.	
	CM	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.	
	CN	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.	
dc	CO	Maher, 1992, "DNA Triple-Helix Formation: An Approach to Artificial Gene Repressors?", BioEssays, 14(12):807-815.	

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de	CP	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.	
	CQ	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	
	CR	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.	
	CS	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	
	CT	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	
	CU	Platt et al, 1994, "Independent Regulation of Adipose Tissue-specificity and Obesity Response of the Adipsin Promoter in Transgenic Mice," The Journal of Biological Chemistry, 269(46):28558-28562.	
	CV	Ripka, 1988, "Computers picture the perfect drug", New Scientist 16:54-57.	
	CW	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.	
	CX	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
	CY	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
	CZ	Sarver et al, 1990, "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents", Science 247:1222-1225.	
	DA	Shilo et al, 1981, "DNA sequences homologous to vertebrate oncogenes are conserved in Drosophila melanogaster", Proc. Natl. Acad. Sci. USA 78(11):6789-6792.	
	DB	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	DC	Smithies, 1985, "Insertion of DNA sequences into the human chromosomal β -globin locus by homologous recombination", Nature 317:230-234.	
	DD	Songyang et al, 1993, "SH2 Domains Recognize Specific Phosphopeptide Sequences", Cell 72:767-778.	
	DE	Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	DF	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines. IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	DG	Takamatsu et al, 1987, "Expression of bacterial chloramphenicol acetyltransferase gene in tobacco plants mediated by TMV-RNA", EMBO Journal 6(2):307-311.	
	DH	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
de	DI	Thomas et al, 1987, "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells", Cell 51:503-512.	

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